

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of the claims in the present application.

Claims 1-7 (Cancelled without prejudice or disclaimer).

Claims 8 – 21 (Previously cancelled without prejudice or disclaimer).

Claims 22-24 (Cancelled without prejudice or disclaimer).

25. (New) A method for operating a bar code reader system having at least a first hand held bar code reader and a host processor spaced apart from said first hand held bar code reader, wherein said first hand held bar code reader includes a memory, said method comprising the steps of:

(a) providing programming data for programming said first hand held bar code reader at said host processor;

(b) encoding with use of said host processor at least one bar code symbol, said at least one bar code symbol being encoded such that when said at least one bar code symbol is read by said second hand held bar code reader, said programming data provided at said host processor is loaded into said memory of said second hand held bar code reader;

(c) outputting said at least one bar code symbol encoded at step (b), wherein said outputting includes the step of displaying a bar code symbol on a computer display; and

(d) reading using said first hand held bar code reader said at least one bar code symbol output at step (c) so that said first hand held bar code reader is reprogrammed.

26. (New) The method of claim 25, wherein said at least one bar code symbol is a single bar code symbol.

27. (New) The method of claim 25, wherein said at least one bar code symbol is a series of bar code symbols.

28. (New) The method of claim 25, wherein said at least one bar code symbol is a single two-dimensional bar code symbol.

29. (New) The method of claim 25, wherein said programming data when received by said first hand held bar code reader changes a manner in which said first hand held reader is reprogrammed.

30. (New) The method of claim 25, wherein said outputting step includes the step of outputting said at least one bar code symbol to a CRT display.

31. (New) The method of claim 25, wherein said method further includes the step of reading using a second bar code reading device said at least one bar code symbol output at step (c).

32. (New) A system for cloning a bar code reading device operating in a system that includes a plurality of bar code reading devices, said system comprising:

- a first bar code reading device having an imaging assembly and a housing adapted to be grasped by a human hand, said imaging assembly being supporting within said housing;

- a second bar code reading device also having an imaging assembly and a housing adapted to be grasped by a human hand;

- a host processor spaced apart from said first bar code reading device and said second bar code reading device and having a printer adapted to print bar code symbols, said system being configured to encode data into a bar code symbol format that is decodable with use of said second bar code reading device; and

wherein said first hand held bar code reading device is configured so that in response to a user-input command input using said first bar code reading device and initiated by depressing an actuator of said first bar code reading device, said first hand held bar code reading device causes said printer to print a reprogramming bar code symbol that contains all information necessary to cause said second bar code reading device to operate in the same

manner as said first bar code reading device.

33. (New) The system of claim 32, wherein said system is configured so that said actuator of said first bar code reading device that is depressed to initiate said user-initiated command is a trigger.

34. (New) The system of claim 32, wherein said system is configured so that said user-input command is initiated by depressing said actuator, wherein said actuator is provided by a trigger and wherein said depressing of said trigger causes a cloning function encoded programming symbol to be read which is configured in a manner complementary with said bar code reading device so that when said bar code reading device reads said cloning function encoded programming symbol, said bar code reading device is caused to print a cloning bar code symbol.

35. (New) The system of claim 32, wherein said imaging assembly of said first bar code reading device includes a two dimensional solid state image sensor.

36. (New) The system of claim 32, wherein said imaging assembly of said first bar code reading device includes an image sensor.

37. (New) The system of claim 32, wherein said first bar code reading device includes an on-reader display.

38. (New) A method for cloning a bar code reading device operating in a system that includes a plurality of bar code reading devices and a spaced apart host processor including a printer, wherein said system is configured to encode data into a bar code symbol, said method comprising the steps of:

providing a first bar code reading device including a first imaging assembly and a first housing adapted to be grasped by a human hand, said first imaging assembly being supporting within said first housing;

further providing a second bar code reading device including a second imaging assembly and a second housing adapted to be grasped by a human hand, said second imaging assembly being supporting within said second housing; and

initiating by depressing an actuator of said first bar code reading device a command that causes said printer to print a reprogramming bar code symbol that contains all information necessary to cause said second bar code reading device to operate in the same manner as said first bar code reading device.

39. (New) The method of claim 38, wherein said initiating step includes the step of depressing a trigger to read a programming bar code symbol.

40. (New) The method of claim 38, wherein said initiating step includes the step of depressing a trigger.

41. (New) The method of claim 38, wherein said providing step includes the step of providing an image sensor.

42. (New) A reprogrammable bar code reading device for operation in a bar code reading system including a host processor in wireless communication with said bar code reading device over a radiofrequency communication link between said bar code reading device and host processor device said reprogrammable bar code reading device comprising:

an imaging assembly comprising a two dimensional solid state image sensor and an imaging lens focusing an image of a target onto said two dimensional image sensor;

a housing adapted to be grasped by a human hand, said imaging assembly being supported within said housing;

a memory for storing image data;

a trigger, wherein said reprogrammable bar code reading device is configured so that actuation of said trigger causes image data to be stored into said memory; and

reprogramming circuitry incorporated into said bar code reading device enabling said bar code reading device to be reprogrammed either by receipt of programming data over said

radiofrequency communication link or by processing of memory stored image data stored in said memory, wherein said memory stored image data is representative of a programming symbol encoded to cause reprogramming of said bar code reading device when decoded by said bar code reading device.

43. (New) The reprogrammable bar code reading device of claim 42, wherein said reprogrammable bar code reading device is configured to read two dimensional programming symbols.

44. (New) The reprogrammable bar code symbol of claim 42, wherein said reprogrammable bar code reading device is configured to read one dimensional programming symbols.

45. (New) The reprogrammable bar code symbol of claim 42, wherein said two dimensional image sensor comprises a plurality of rows and plurality of columns of pixels.